

Approved Shade Tree List

Tree Height between 30 to 80 Feet

The Approved Shade Tree List is broken down into two categories A & B. The A List contains trees that are best suited for street or parking lot trees. The B List contains trees that can be used as street or parking lot trees, but have some limitations due to fruit, space, and insect issues.

Right Tree Right Place

When picking a tree for your project, consider the physical conditions of your planting site. Consider the soil type, drainage patterns, and space available. Are there obstructions such as fire hydrants, light poles and water meters? Are there utilities above and/or below ground? If there are overhead power lines, trees that have a limited height growth should be picked from the *Alternate Trees* list. Picking the appropriate tree for the site will assure a longer life for the tree.

List A



Acer x freemanii
Freeman Maple

SIZE: 40 feet tall, 45 feet wide
HABIT: early pyramidal form becomes rounded
HARDINESS: zone 3b to 9
TOLERANCE: tolerant of urban conditions such as drought and salt
FOLIAGE: leaves turn red in the fall
CHARACTERISTICS: hybrid of red and silver maple
NOTE: easily transplanted
SUGGESTED CULTIVARS: ‘Autumn Blaze’



Acer miyabei
State Street Maple

SIZE: 40 feet tall, 25 feet wide
HABIT: fast growing, upright oval form
HARDINESS: zone 4 to 7
TOLERANCE: pH adaptable
FOLIAGE: dark green leaves turn yellow in fall
CHARACTERISTICS: handsome corky bark
NOTE:
SUGGESTED CULTIVARS: ‘Morton’



Acer nigrum
Black Maple

SIZE: 60 feet tall, 40 feet wide
HABIT: dense, elliptical crown
HARDINESS: zone 4 to 8
TOLERANCE: tolerates different soil types, needs adequate water
FOLIAGE: leaves have a drooping appearance and turn yellow in the fall
CHARACTERISTICS: similar to *Acer saccharum*
NOTE: easy to transplant
SUGGESTED CULTIVARS:



Acer pseudoplatanus
Sycamore Maple

SIZE: 60 feet tall, 40 feet wide
HABIT: medium growing oval tree with upright, spreading branches
HARDINESS: zone 4 to 7
TOLERANCE: very tolerant of urban conditions, salt tolerant
FOLIAGE: dark green leaves turn a tinge of yellow in fall (not significant)
CHARACTERISTICS: flaking, irregular scaled bark, exposes orange inner bark
NOTE: transplant in spring, dead wood requires maintenance
SUGGESTED CULTIVARS:



Acer rubrum—**NOT RECOMMENDED UNTIL FURTHER NOTICE**
Red Maple

SIZE: 60 feet tall, 60 feet wide
HABIT: pyramid trees grow into a rounded crown
HARDINESS: zone 3b to 9
TOLERANCE: tolerant of different soils and ozone
FOLIAGE: leaves emerge reddish tinged, change to darker green, yellow or brilliant red fall color
CHARACTERISTICS: red flowers appear from March to April, soft gray-brown medium textured bark
NOTE: easy to transplant
SUGGESTED CULTIVARS: ‘Red Sunset’



Acer saccharum—**NOT FOR STREET TREES OR PARKING LOTS**
Sugar Maple

SIZE: 70 feet tall, 50 feet wide
HABIT: large round pyramid crown
HARDINESS: zone 4 to 8
TOLERANCE: not salt tolerant, not pollution tolerant
FOLIAGE: 5 lobed, not serrated leaves turn mixture of yellow orange and red in fall
CHARACTERISTICS: excellent shade tree, prune in spring and fall, well drained soil, do not plant in confined area,
NOTE:
SUGGESTED CULTIVARS: ‘Bonfire’, ‘Comemoration’, ‘Goldspire’, ‘Green Mountain’, ‘Seneca Chief’



Betula nigra
River Birch

SIZE: 40 feet tall, 40 feet wide
HABIT: fast growing tree that begins oval headed and becomes rounded with maturity
HARDINESS: zone 3b to 9
TOLERANCE: moderately tolerant to salt, most trouble free birch
FOLIAGE: lustrous medium green leaves turn yellow in the fall
CHARACTERISTICS: bark on larger branches break into irregular plates and exfoliate, exposing a gray- brown inner bark
NOTE: easy to transplant, tendency to produce large branches close to the ground
SUGGESTED CULTIVARS:



Cercidiphyllum japonicum—**NOT FOR STREET TREES OR PARKING LOTS**
Katsura Tree

SIZE: 40 feet tall, 20 feet wide
HABIT: dense pyramid in youth, variable with age
HARDINESS: zone 4 to 8
TOLERANCE: tolerant of urban conditions once established
FOLIAGE: new leaves emerge reddish purple, mature to a bluish green, with a yellow fall color
CHARACTERISTICS: slightly shaggy bark
NOTE: more difficult to transplant and requires watering while establishing
SUGGESTED CULTIVARS:



Celtis occidentalis
Hackberry

SIZE: 60 feet tall, 40 feet wide
HABIT: weak pyramid trees mature to a broad crown
HARDINESS: zone 3 to 9
TOLERANCE: very tolerant of urban conditions
FOLIAGE: dull light green leaves turn yellow green in fall (not significant)
CHARACTERISTICS: bark develops corky or wart like projections
NOTE: easily transplanted
SUGGESTED CULTIVARS:



Gleditsia triacanthos var. *inermis*
Honey Locust (thornless)

SIZE: 70 feet tall, 70 feet wide
HABIT: short trunk and open, spreading crown
HARDINESS: zone 4 to 9
TOLERANCE: urban and salt tolerant
FOLIAGE: bright green leaves turn clear yellow in fall
CHARACTERISTICS: bark develops long, scaly ridges
NOTE: requires frequent pruning to maintain good form
SUGGESTED CULTIVARS: 'Shademaster', 'Skyline'



Ginkgo biloba
Ginkgo (male varieties)

SIZE: 50 feet tall, 30 feet wide
HABIT: young pyramid become wide spreading with massive branches
HARDINESS: zone 4 to 8
TOLERANCE: very urban tolerant
FOLIAGE: bright green, fan-shaped leaves turn yellow in fall
CHARACTERISTICS: dark furrowed bark, spur growth
NOTE: easily transplanted, use only male or sterile varieties
SUGGESTED CULTIVARS: 'Princeton Sentry', 'Autumn Gold'



Koelreuteria paniculata
Goldenraintree

SIZE: 40 feet tall, 30 feet wide
HABIT: medium growing round, dense tree, sparse ascending branches
HARDINESS: zone 4 to 8
TOLERANCE: tolerant of soil types, drought and air pollution
FOLIAGE: reddish leaves mature to bright green, yellow fall color is inconsistent
CHARACTERISTICS: excellent yellow flowers in spring
NOTE: slightly weak wooded
SUGGESTED CULTIVARS:



Liquidambar styraciflua 'Rotundaloba'
American Sweetgum (fruitless)

SIZE: 75 feet tall, 50 feet wide
HABIT: medium growth tree matures from a pyramid to a rounded crown
HARDINESS: zone 5 to 9
TOLERANCE: moderately drought and salt tolerant, not very tolerant of pollution
FOLIAGE: glossy green leaves turn rich yellow, purple, and red tones in the fall
CHARACTERISTICS: messy fruits fall over an extended time in the winter
NOTE: sterile varieties exist, prefers larger areas, where roots can grow
SUGGESTED CULTIVARS: 'Rotundiloba' 'Cherokee'



Nyssa sylvatica
Black Tupelo

SIZE: 50 feet tall, 30 feet wide
HABIT: pyramidal slow growing tree, mature to rounded, flat topped crown
HARDINESS: zone 4 to 9
TOLERANCE: drought and salt tolerant
FOLIAGE: lustrous dark green leaves, turn yellow to orange to scarlet to purple, consistent fall color
CHARACTERISTICS: variable bark characteristics, black drupe fruit is eaten by birds
NOTE: can be difficult to transplant in the fall unless containerized
SUGGESTED CULTIVARS:



Sophora japonica
Scholar Tree (Japanese Pagodatree)

SIZE: 75 feet tall, 50 feet wide
HABIT: medium growing, upright, spreading rounded crown
HARDINESS: zone 4 to 7
TOLERANCE: tolerant of heat, drought, and pollution
FOLIAGE: lustrous, bright green leaves, little fall color
CHARACTERISTICS: mildly fragrant, creamy white flowers, pale grey bark
NOTE: difficult to train a central leader, messy, prune in fall
SUGGESTED CULTIVARS:



Tilia americana
American Linden

SIZE: 80 feet tall, 50 feet wide
HABIT: tall tree, with numerous, low hung, spreading branches, oblong crown
HARDINESS: zone 3b to 8
TOLERANCE: tolerant of soils and drought, not very tolerant of pollution
FOLIAGE: dark green leaves, paler undersides, turn pale yellow in the fall
CHARACTERISTICS: bees like pale yellow flowers, tough and fibrous bark
NOTE: at maturity lower branches drupe down then up, prefers larger spaces
SUGGESTED CULTIVARS:



Tilia cordata
Littleleaf Linden

SIZE: 70 feet tall, 50 feet wide
HABIT: medium growing, matures to a pyramidal- rounded, densely branched tree
HARDINESS: zone 3b to 7
TOLERANCE: fairly tolerant of drought and salt, pollution tolerant
FOLIAGE: dark, shiny green leaves turn yellow-green in fall
CHARACTERISTICS: gray-brown, furrowed bark, yellowish, fragrant flowers in late June
NOTE: easily transplanted
SUGGESTED CULTIVARS:



Tilia tomentosa
Silver Linden

SIZE: 70 feet tall, 50 feet wide
HABIT: upright, pyramid to oval shaped, medium growing tree
HARDINESS: zone 4 to 7
TOLERANCE: heat and drought tolerant
FOLIAGE: lustrous, glistening dark green foliage, silvery tomentose undersides, occasional yellow fall color
CHARACTERISTICS: yellow, white fragrant flowers, light gray, smooth bark
NOTE: easily transplanted, less prone to insect problems and untidiness
SUGGESTED CULTIVARS:



Ulmus americana
American Elm

SIZE: 80 feet tall, 50 feet wide
HABIT: vase or wide spreading, fast growing tree
HARDINESS: zone 3 to 9
TOLERANCE: tolerant of soil salt and variable conditions
FOLIAGE: lustrous dark green leaves turn yellow in fall
CHARACTERISTICS: deep fissured bark
NOTE: choose varieties that are resistant to Dutch elm disease, many pest issues
SUGGESTED CULTIVARS: 'Valley Forge', 'New Harmony', 'Princeton'



Ulmus parvifolia
Lacebark Elm

SIZE: 50feet tall, 50 feet wide
HABIT: graceful, round headed tree
HARDINESS: zone 4 to 9
TOLERANCE: urban soil tolerant
FOLIAGE: lustrous dark green leaves turn yellow and reddish purple in fall (inconsistent)
CHARACTERISTICS: mottled grey, green, orange, and brown bark
NOTE: resistant to Dutch elm, and beetles. Do not confuse with the Siberian Elm (*Ulmus pumila*)
SUGGESTED CULTIVARS: 'Emer II', 'Frontier'

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Zelkova serrata

Zelkova

SIZE: 80 feet high, 50 feet wide

HABIT: medium growing, vase shaped tree

HARDINESS: zone 4 to 8

TOLERANCE: wind and drought tolerant, moderately salt tolerant

FOLIAGE: dark green leaves in summer produce yellow- orange- brown fall color

CHARACTERISTICS: grey brown, exfoliating bark at maturity

NOTE: easily transplanted

SUGGESTED CULTIVARS: 'Green Vase'

List B

These are suitable shade trees, but have limitations with fruit, space, and insects

Right Tree Right Place

When picking a tree for your project, consider the physical conditions of your planting site. Consider the soil type, drainage patterns, and space available. Are there obstructions such as fire hydrants, light poles or water meters? Are there utilities above and/or below ground? If there are overhead power lines, trees that have a limited height growth should be picked from **List B**. Picking the appropriate tree for the site will assure a longer life for the tree.



Corylus colurna

Turkish Filbert

SIZE: 50 feet tall, 20 feet wide

HABIT: broad pyramid

HARDINESS: zone 4 to 7

TOLERANCE: extremely tolerant of urban conditions

FOLIAGE: dark green leaves turn yellow to purple in the fall (not significant)

CHARACTERISTICS: pale gray- brown bark develops a flaky characteristic to reveal orange- brown inner bark

NOTE: can develop shrubby characteristics

SUGGESTED CULTIVARS:



Gymnocladus dioica

Kentucky Coffetree

SIZE: 75 feet tall, 50 feet wide

HABIT: vertically ascending branches form a narrow crown, slow growing

HARDINESS: zone 3b to 8

TOLERANCE: adaptable to a wide range of soil, drought, and urban conditions

FOLIAGE: one of the latest trees to leaf out in spring leaves emerge pinkish, mature to a dark green, turn yellow in the fall (ineffective)

CHARACTERISTICS: bark is rough with scaly ridges, bipinnately compound leaves, fruit is a long leathery pod

NOTE: use sterile cultivars, prune in winter or early spring

SUGGESTED CULTIVARS: 'Espresso'

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Liquidambar styraciflua
American Sweetgum

SIZE: 75 feet tall, 50 feet wide
HABIT: medium growth tree matures from a pyramid to a rounded crown
HARDINESS: zone 5 to 9
TOLERANCE: moderately drought and salt tolerant, not very tolerant of pollution
FOLIAGE: glossy green leaves turn rich yellow, purple, and red tones in the fall
CHARACTERISTICS: messy fruits fall over an extended time in the winter
NOTE: sterile varieties exist, prefers larger areas, where roots can grow
SUGGESTED CULTIVARS: 'Rotundiloba' 'Cherokee'



Liriodendron tulipifera
Tulip Tree

SIZE: 90 feet tall, 50 feet wide
HABIT: fast growing tree with a oval- rounded crown
HARDINESS: zone 4 to 9
TOLERANCE: moderately drought tolerant
FOLIAGE: bright green leaves turn yellow in the fall
CHARACTERISTICS: interlacing, furrowed bark, yellowish flowers borne high in the crown, seeds persist through the winter
NOTE: prefers large open spaces, weak wooded
SUGGESTED CULTIVARS:



Platanus x acerifolia
London Planetree

SIZE: 100 feet tall, 80 feet wide
HABIT: medium growing, wide- spreading crown
HARDINESS: zone 5 to 8
TOLERANCE: very tolerant of urban conditions
FOLIAGE: medium dark green leaves turn yellow, brown in the fall
CHARACTERISTICS: cream, olive, light brown bark
NOTE: easily transplanted, prefers large spaces
SUGGESTED CULTIVARS: 'Encore' and 'Exclamation'



Platanus occidentalis—**NOT FOR STREET TREES OR PARKING LOTS**
Sycamore

SIZE: 100 feet tall, 75 feet wide
HABIT: medium growing tree with a large massive trunk and wide-spreading open crown of massive branches
HARDINESS: zone 4 to 9
TOLERANCE: less tolerant of urban conditions
FOLIAGE: flat green leaves emerge late in spring and turn brown yellow in the fall
CHARACTERISTICS: red to grey brown bark is scaly near base and exfoliating on upper trunk
NOTE: very large, consistently drops leaf litter and debris, anthracnose can cause permanent defoliation
SUGGESTED CULTIVARS:



Quercus alba—**NOT FOR STREET TREES OR PARKING LOTS**
White Oak

SIZE: 80 feet tall, 50 feet wide
HABIT: slow growing, broad rounded tree
HARDINESS: zone 3b to 9
TOLERANCE: moderately drought tolerant, not tolerant of soil compaction
FOLIAGE: leaves unfold pinkish mature to dark green, rich red fall color
CHARACTERISTICS: variable bark, stout stems
NOTE: slow growing, difficult to transplant
SUGGESTED CULTIVARS:



Quercus bicolor
Swamp White Oak

SIZE: 60 feet tall, 60 feet wide
HABIT: spreading form with a round topped crown
HARDINESS: zone 4 to 8
TOLERANCE: salt tolerant and moderately drought tolerant,
FOLIAGE: yellow fall color
CHARACTERISTICS: rugged grey flakey bark
NOTE: prefers moist, acid soil
SUGGESTED CULTIVARS:



Quercus imbricaria
Shingle Oak

SIZE: 60 feet tall, 60 feet wide
HABIT: slow growing, pyramid to broad- rounded crown
HARDINESS: zone 4 to 8
TOLERANCE: fairly tolerant of city conditions, tolerant of soil moisture, moderately salt tolerant
FOLIAGE: leaves unfold a reddish color, mature to a lustrous dark green, fall color is yellow to brownish red,
CHARACTERISTICS: oblong leaves often persist through winter, acorns mature second year
NOTE: fairly easy to transplant
SUGGESTED CULTIVARS:



Quercus macrocarpa
Bur Oak

SIZE: 80 feet tall, 80 feet wide
HABIT: slow growing, develops a massive trunk with a broad crown of stout branches
HARDINESS: zone 3 to 8
TOLERANCE: drought tolerant, moderately salt tolerant, more tolerant of city conditions
FOLIAGE: lustrous dark green leaves turn a dull yellow in fall
CHARACTERISTICS: stems develop corky ridges after the first year, nuts are enclosed in a fringed cap and mature in 1 year
NOTE: more difficult to transplant
SUGGESTED CULTIVARS:



Quercus muhlenbergii
Chinkapin Oak

SIZE: 50 feet tall, 60 feet wide
HABIT: slow growing, open rounded crown
HARDINESS: zone 5 to 7
TOLERANCE: moderately tolerant of soil types
FOLIAGE: lustrous dark yellow green leaves turn yellow – orange brown in fall
CHARACTERISTICS: ashy gray flakey bark
NOTE: can be difficult to transplant
SUGGESTED CULTIVARS:



Quercus rubra
Northern Red Oak

SIZE: 75 feet tall, 60 feet wide
HABIT: fast growing, round- topped symmetrical crown
HARDINESS: zone 3 to 7
TOLERANCE: moderately drought tolerant, salt tolerant, very urban tolerant
FOLIAGE: pinkish leaves mature to lustrous dark green and turn bright red in the fall
CHARACTERISTICS: bark has distinct flat gray areas intermingled with ridges and furrows
NOTE: easy to transplant
SUGGESTED CULTIVARS:



Quercus shumardii
Shumard Oak

SIZE: 60 feet tall, 60 feet wide
HABIT: pyramid tree becomes more spreading with age
HARDINESS: zone 5 to 9
TOLERANCE: drought tolerant and moderately salt tolerant
FOLIAGE: leaves turn russet red in fall
CHARACTERISTICS: acorn is striated with brown- black lines
NOTE: easy to transplant
SUGGESTED CULTIVARS:

Alternate Small Street Tree List

Tree Height and Spread Equals 15 to 30 feet
 Suitable for Street Tree Planting Under Power Lines

The Alternate Small Street Tree List contains trees that are smaller and more suitable for planting under power lines. Small trees are not to replace shade trees in a city required landscape plan, unless they are to be planted under a power line.

Right Tree Right Place

When picking a tree for your project, consider the physical conditions of your planting site. Consider the soil type, drainage patterns, and space available. Are there obstructions such as fire hydrants, light poles and water meters? Are there utilities above and/or below ground? If there are overhead power lines, trees that have a limited height growth should be picked from the *Alternate Trees* list. Picking the appropriate tree for the site will assure a longer life for the tree.

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Acer buergerianum

Trident Maple

SIZE: 30 feet tall, 30 feet wide

HABIT: oval, rounded form with low branches unless trained

HARDINESS: zone 5 to 8

TOLERANCE: tolerant of different soil types and drought

FOLIAGE: leaves emerge bronze or purple, turn glossy dark green in summer and yellow to red in fall

CHARACTERISTICS: slow to medium growth, exfoliating bark

NOTE: tendency towards multi-stems, train to single stem and prune regularly

SUGGESTED CULTIVARS: ‘Steetwise’



Acer campestre

Hedge Maple

SIZE: 35 feet tall, 30 feet wide

HABIT: dense, broad spreading, low branching

HARDINESS: zone 5 to 7

TOLERANCE: tolerant of urban conditions, heat and drought

FOLIAGE: rounded 5 lobed leaves turn green to golden yellow in the fall (subdued)

CHARACTERISTICS: very hardy, pest free, tolerant of severe pruning

NOTE:

SUGGESTED CULTIVARS: ‘Queen Elizabeth’



Amelanchier x grandiflora

Apple Serviceberry

SIZE: 20 feet tall, 15 feet wide

HABIT: upright, small tree with pruning

HARDINESS: zone 4 to 8

TOLERANCE: tolerant of urban conditions, different soil conditions

FOLIAGE: dark lustrous green leaves turn brilliant red in the fall

CHARACTERISTICS: attractive light grey bark in winter, 2 inch cluster of white flowers in the spring, edible fruit,

NOTE: choose only varieties and cultivars with a single trunk that can be maintained as trees

SUGGESTED CULTIVARS: ‘Autumn Brilliance’



Amelanchier laevis

Allegheny Serviceberry

SIZE: 25 feet tall, 15 feet wide

HABIT: multi-stemmed shrub or small tree

HARDINESS: zone 4 to 8

TOLERANCE: less salt tolerant, tolerant of soil compaction

FOLIAGE: emerge bronze, mature to glossy green leaves turn clear yellow or red (subdued)

CHARACTERISTICS: small white flowers, berries turn magenta to purple

NOTE: choose single trunk varieties

SUGGESTED CULTIVARS: ‘Cumulus’



Cercis canadensis
Eastern Redbud

SIZE: 25 feet high, 25 feet wide
HABIT: small tree with divided trunk forming a spreading flat top, rounded crown
HARDINESS: zone 4 to 8
TOLERANCE: tolerates severe urban stresses, drought and pollution tolerant,
FOLIAGE: red, purple new leaves change to green and then yellow in fall
DESCRIPTION: lavender flowers in early spring
NOTE: suffers dramatically from excessive stress, more susceptible to canker and Verticillium wilt
SUGGESTED CULTIVARS:



Carpinus caroliniana
American Hornbeam

SIZE: 20 feet tall, 20 feet wide
HABIT: small to medium tree with a wide spreading irregular crown
HARDINESS: zone 3b to 9
TOLERANCE: sensitive to drought and soil compaction, poor salt tolerance, frost resistant
FOLIAGE: dark lustrous green foliage turns orange, red in the fall
CHARACTERISTICS: irregularly fluted, slate gray trunk, winged nuts provide food source for wildlife
NOTE:
SUGGESTED CULTIVARS:



Cornus alternifolia—**NOT FOR STREET TREES**
Pagoda Dogwood

SIZE: 25 feet tall, 37 feet wide
HABIT: spreading, horizontal, low-branching tree
HARDINESS: zone 3 to 7
TOLERANCE: cold, shade, and wind tolerant, not as tolerant to soil compaction and salt
FOLIAGE: medium to dark green leaves turn reddish purple in the fall (subdued)
CHARACTERISTICS: white, fragrant flowers in late spring, blue black drupe fruit provides a food source for wildlife
NOTE:
SUGGESTED CULTIVARS:



Cornus Kousa—**NOT FOR STREET TREES**
Kousa Dogwood

SIZE: 30 feet tall, 20 feet wide
HABIT: vase shaped, grows into a rounded form
HARDINESS: zone 5 to 8
TOLERANCE: moderate tolerance of salt and urban conditions
FOLIAGE: dark green, blue leaves turn red or scarlet in the fall
CHARACTERISTICS: horizontal lines are evident in old age, attractive flowers in the spring and interesting fruit in the fall
NOTE:
SUGGESTED CULTIVARS:



Crataegus viridis
Green Hawthorn

SIZE: 25 feet tall, 35 feet wide
HABIT: rounded, vase-shaped branching
HARDINESS: zone 4 to 8
TOLERANCE: tolerant of urban conditions
FOLIAGE: glossy green leaves turn bronze– red in the fall
CHARACTERISTICS: large red fruits persist into winter, thorny, white flower clusters in the spring
NOTE: thorns on branches pose problem for pedestrians
SUGGESTED CULTIVARS: ‘Winter King’



Crataegus phaenopyrum
Washington Hawthorn

SIZE: 25 feet tall, 25 feet wide
HABIT: broadly oval or rounded, dense, thorny tree
HARDINESS: zone 4 to 8
TOLERANCE: drought and pollution tolerant
FOLIAGE: lustrous, dark green leaves turn orange– red to purple in the fall
CHARACTERISTICS: stinky, white flowers and bright glossy red fruits
NOTE: thorns on branches may pose hazard to pedestrians
SUGGESTED CULTIVARS:



Crataegus crusgalli var. inermis
Cockspur Hawthorn (thornless)

SIZE: 30 feet tall, 35 feet wide
HABIT: rounded, low, dense branching
HARDINESS: zone 4 to 6
TOLERANCE: high tolerance to salt and urban stresses
FOLIAGE: lustrous, dark green leaves turn bronze-red to purplish red in the fall
CHARACTERISTICS: white, stinky flowers, fruit persists into late fall, severely affected by pests
NOTE:
SUGGESTED CULTIVARS:



Maackia amurensis
Amur Maackia

SIZE: 30feet tall, 30 feet wide
HABIT: small round headed tree
HARDINESS: zone 4 to 7
TOLERANCE: tolerant of urban conditions
FOLIAGE: grayish green leaves mature to dark green, no fall color
CHARACTERISTICS: late summer flowers, bark peels with maturity
NOTE:
SUGGESTED CULTIVARS:



*Malus sp.**

Crabapple

SIZE: 20 feet high, 20 feet wide

HABIT: upright, spreading or rounded

HARDINESS: zone 3 to 7

TOLERANCE: very tolerant of urban conditions

FOLIAGE: depends on the cultivar chosen

CHARACTERISTICS: depends on the cultivar planted

NOTE: choose varieties that have the best disease resistance, low, broad branches pose problems for pedestrians and vehicles

SUGGESTED CULTIVARS: 'Prairie Fire', 'Adam', 'Centurion', 'Harvest Gold', 'Prairie', 'Snowdrift' 'Adirondack', 'Donald Wyman'



Syringa reticulata

Japanese Tree Lilac

SIZE: 25 feet tall, 20 feet wide

HABIT: stiff branches develop an oval to round crown

HARDINESS: zone 3 to 7

TOLERANCE: very tolerant of urban conditions

FOLIAGE: simple dark green leaves appear early, no significant fall color

CHARACTERISTICS: attractive creamy white, fragrant flowers emerge in late spring

NOTE:

SUGGESTED CULTIVARS: